

**AERODYNAMIC NOISE ABATEMENT DEVICE AND  
METHOD FOR AIR-COOLED CONDENSING SYSTEMS**

**ABSTRACT**

5        The noise abatement device and method described herein makes known an apparatus and method for reducing the aerodynamic resistance presented by a fluid pressure reduction device in a large duct. More specifically, a noise abatement device is disclosed having at least one sparger with an aerodynamic profile that significantly reduces the fluid resistance within a turbine exhaust duct of an air-cooled condensing

10      system that may be used in a power plant.